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- (71) Applicant (for all designated States except US): **MERCK & CO., INC.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **BOICE, Judith, A.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **ROHRER, Susan** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
- (74) Common Representative: **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

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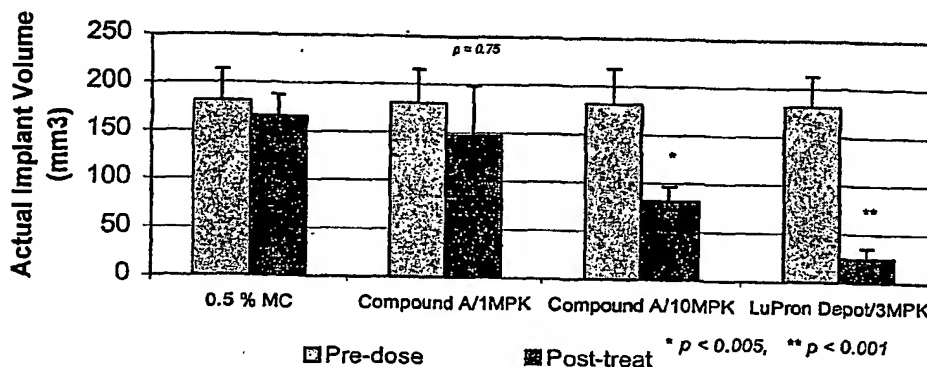
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(54) Title: USE OF SELECTIVE CYCLOOXYGENASE-2 INHIBITORS FOR THE TREATMENT OF ENDOMETRIOSIS

Mean implant Volume Comparison



(57) Abstract: The instant invention is directed to the use of cyclooxygenase-2 selective inhibitors to treat or prevent endometriosis; the use of cyclooxygenase-2 selective inhibitors to prevent, retard and/or reverse the development of endometriotic lesions in patients at risk for the development of such lesions; the use of cyclooxygenase-2 selective inhibitors to reduce the number and/or severity of endometriotic lesions in patients at risk for the development of such lesion; and the treatment of pain in such patients. Combination therapies are also encompassed.

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